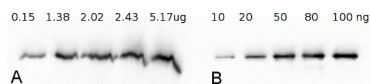


Product no **AS13 2731****FBA | Fructose-bisphosphate aldolase class 2****Product information**

Immunogen	Recombinant FBA from <i>Synechocystis</i> sp. PCC6803, UniProt: Q55664 , Cyanobase: sll0018
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	50 µl
Reconstitution	For reconstitution add 50 µl of sterile water
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.
Additional information	This antibody can be used as a marker of cytoplasmic fraction in cyanobacteria

Application information

Recommended dilution	1 : 1000 (WB)
Expected apparent MW	38,9 kDa
Confirmed reactivity	<i>Synechocystis</i> PCC6803
Predicted reactivity	Cyanobacteria Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known

application example

From 0.15 to 5.17 µg of total protein from *Synechocystis* PCC6803 (A) extracted with SDS-sample buffer and respective amounts of recombinant FBA (B) were separated on 15 % **SDS-PAGE** and blotted 1h to **PVDF**. Blots were blocked with 5 % milk powder in TBS-T for 30 min. at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1: 1 000 for 1h at RT with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed 3 times for 7 min in TBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:10 000 in for 1h at RT with agitation. The blot was washed as above and developed for 2 min with ECL according to the manufacturer's instructions. Exposure time was seconds.

Courtesy of Yichen Zhang, Department of Biochemistry and Molecular Biology, University of Massachusetts, USA